

Work Order ID 138384

Tuesday, October 27, 2015 11:27:31 AM

138384

Page 1

Item ID: D2844-1 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Arm
 Start Date: 10/26/2015 Start Qty: 15.00 ***15*** Cust Item ID:
 Required Date: 10/26/2015 Req'd Qty: 15.00 ***15*** Customer:
 Reference:

Approvals: Process Plan: ML5 Date: OCT 29 2015 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2844	Rev A								

100 NC BRAKE 0.00
100
 Brake NC Memo 0.05 15 FF NOV 04 2015
 Brake NC Form per Dwg D2844 using brake and bending Jig DT 8238-B Deburr

110 QC5- Inspect part completeness to step on W/O 0.00
110
 QC Memo 0.00 (15) DAS
 Quality Control 9-89 NOV 05 2015

120 White Gloss(Ref:4.3.5.2) per QSI005 4.3-Steel 0.00
120
 Powdercoat m 133454. 0.01 15.0 15-11-5 333
 Powder Coating Memo
 START TIME: 11:30 OVEN TEMPERATURE:
 FINISH TIME: 12:00

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐				FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
				OTHER : _____			

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Item ID: D2844-1 Accept ***N900040100*** Setup Start ***NS1***
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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 *130* QC Quality Control	QC3- Inspect Part Finish Memo	0.00 0.00				(15)			DAS 38 9-89 NOV 05 2015
140 *140* QC Quality Control	QC6- Inspect dimensions to drawing Memo ensure parts are still as per dwg D2844	0.00 0.00				(15)			DAS 38 9-89 NOV 05 2015
150 *150* Packaging Packaging	Identify as per dwg & Stock Location: <u>S1360A</u> Memo	0.00 0.00				(15)	MLJ	15-11-06	

DQA: _____ Date: _____



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Work Order update only ☐

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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
'Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :			
Misidentified	☐	Past Due	☐				

Work Order ID 138384***138384***

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Item ID: D2844-1

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Arm

Stop ***NS2***

Start Date: 10/26/2015 Start Qty: 15.00

15

Cust Item ID:

Required Date: 10/26/2015 Req'd Qty: 15.00

15

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start ***NR1***

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.02

Quality Control

NOV 06 2015

MCS

SH 20151106

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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		OTHER : ☐							

Picklist Print

Tuesday, October 27, 2015 11:27:30 AM

Page 1

Work Order ID: 138384

138384

Parent Item: D2844-1

D2844-1

Parent Item Name: Arm

Start Date: 10/26/2015

Required Date: 10/26/2015

Start Qty: 15.00

Required Qty: 15.00

Comments: IPP: B00.11.01Removed P/O for Powder Coat - in house processEC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TR0.500W.035		Purchased		No		100	f	41.5506	1.8991	29.98579			

M304TR0 500W 0.35

304 RD Tube .500 x .035W

FF NOV 04 2015

Location

Loc Qty

Loc Code

GA002	M133509	41.550626
	m128495	23.436842
	m132775	2
	m132872	16.113784

19.990526
9.995263

DQA: _____ Date: _____



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Work Order update only ☐

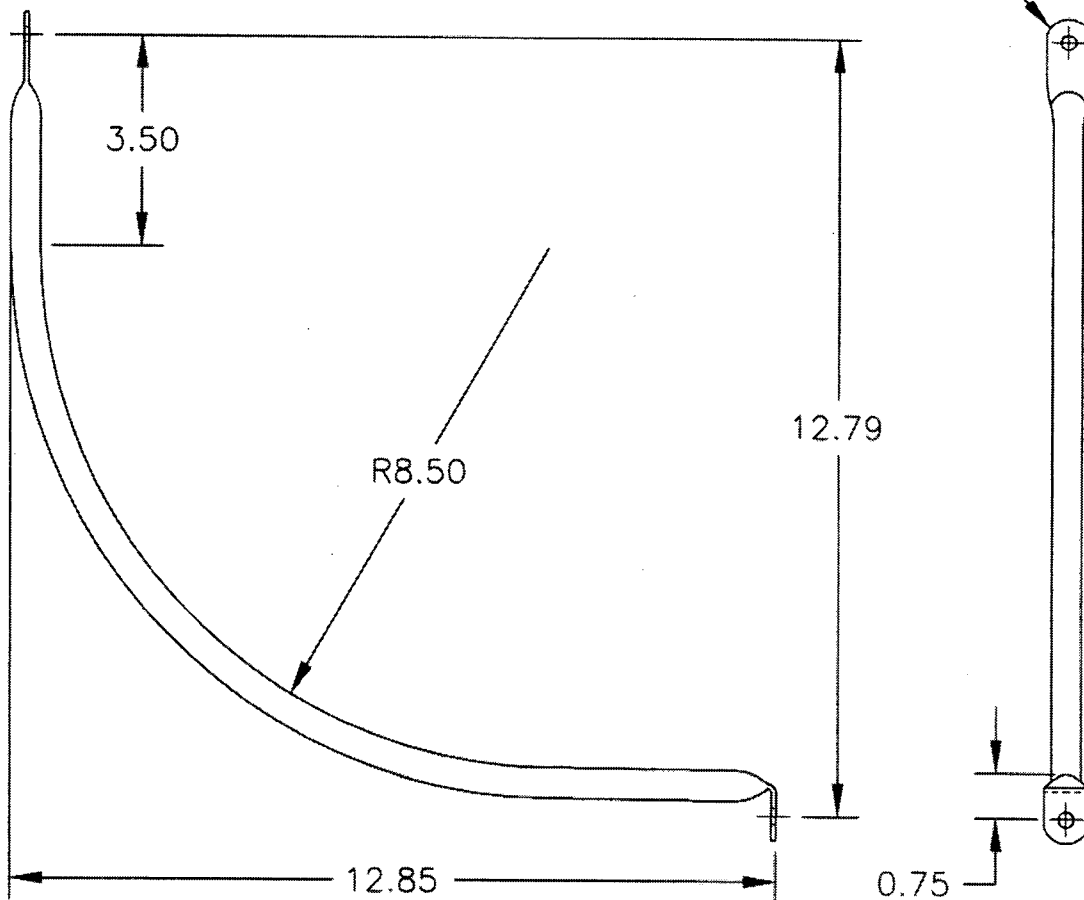
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐							
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				OTHER :							



DESIGN <i>KE</i>	DRAWN BY <i>KE</i>	DART AEROSPACE USA, INC. FAIRCHILD INTERNATIONAL AIRPORT, WA	
CHECKED <i>DAH</i>	APPROVED <i>CS</i>	DRAWING NO. D2844	REV. A SHEET 1 OF 2
DATE 98.10.14		TITLE ARM	SCALE 1:3
A	98.10.14	NEW ISSUE	

RELEASED
98.11.11 KE

PUNCH ENDS PER SPEC CONTROL DRAWING D2727



D2844-1

MATERIAL: AISI 304/316 SS TUBE, $\varnothing 0.50 \times 0.035$ WALL
ENSURE TUBE IS SEAMLESS
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3